

**CLAIMS**

1. A browning composition for application to a substrate, said browning composition comprising:  
browning agent, said browning agent further comprising a sugar or sugar acid having at least two carbonyl groups; and  
an amine source.
2. The browning composition of claim 1, wherein said substrate is a foodstuff.
3. The browning composition of claim 2, wherein said sugar or sugar acid is 2,5-di-keto gluconic acid.
4. The browning composition of claim 2, wherein said amine source is an amino acid.
5. The browning composition of claim 2, wherein said amine source is lysine.
6. A method for preparing a food stuff for browning in a microwave oven, the method comprising:  
providing a browning composition comprising a sugar or sugar acid having at least two carbonyl groups; and  
incorporating said a browning composition in a foodstuff.
7. The method of claim 6, wherein said step of incorporating said browning composition in a foodstuff includes the step of topically applying said browning composition to the food stuff.
8. The method of claim 6, wherein said step of incorporating said browning composition in a foodstuff includes the step of mixing said browning composition into said food stuff.
9. The method of claim 6, wherein said food stuffs are selected from the group consisting of turkey, sausage casings, chicken, biscuits, pizza, pie coverings, or hash brown potatoes.